

Project Name/Location:				Contract Number: W9127N-05-C-0012			
Columbia River Channel Improvement - RM 10+00 to 12+40, Flavel							
Date: 08/22/2005				John Cannon contacted at 15:00.			
Dredging Load Number 789 Tidal Stage Flood Dredge State: Overflow through skimmers only Weather: Clear Wind: 5-10 kts Seas: 1'-2' Disposal location Columbia River DWS	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
	DR-1	18.6	14:34:59	7333491.10	942961.14	8.1	
	DR-2	17.5	14:38:36	7333165.57	942790.09	15.2	10.8
	DR-3	16.0	14:40:15	7332544.79	942967.02	8.7	
	DR-4	18.5	14:37:01	7333787.42	942430.25	18.7	
Remarks:				Action Taken:			
DR-2 exceeded 10% over background, taken in the plume.				Stop dredging and went to disposal.			
DR-4 exceeded 10% over background, taken in plume.							
Standard procedure is to re-test but due to technician error							
no test was taken.							
Sample Point Key	All Tests Conducted With YSI 6600					Turbidity Compliance	DO Compliance
DR-1	Background - 100' Up Current, Within 600-Foot of Channel						
DR-2	100' Down Current					OR	OR, WA
DR-3	300' Radially from point of dredge (Port or Starboard)					WA	Not Required
DR-4	900' Down Current from point of dredging					WA	Not Required

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John Cannon on board during testing.

Dredging	Sample Point	Depth (ft)	Time	X Coordinate	Y Coordinate	Turbidity (NTU)	DO (Mg/L)
<u>Load Number</u>	DR-1	16.8	19:24:18	7332402.88	944315.46	6.1	
790	DR-3	17.4	19:26:41	7331933.56	944526.99	5.0	
<u>Tidal Stage</u>	DR3-3R1	18.1	19:26:52	7331933.56	944526.99	5.3	
Ebb	DR-2	19.0	19:30:29	7331655.80	944234.69	22.7	10.1
<u>Dredge State:</u>	DR-2R1	18.9	19:30:32	7331655.80	944234.69	20.0	10.4
Overflow through	DR-4	18.2	19:32:32	7331202.65	944615.72	11.2	
skimmers only	DR-4R1	18.2	19:32:36	7331202.65	944615.72	11.4	
<u>Weather:</u>							
Clear							
<u>Wind:</u>							
5-10 kts							
<u>Seas:</u>							
1'-3'							
<u>Disposal location</u>							
Columbia River DWS							

Remarks:	Action Taken:
DR-2 exceeded 10% over background, taken in the plume.	Re-test DR-2R1 was taken.
DR-4 taken out of the plume.	Re-test DR-4R1 was taken
DR-3 exceeded 5 NTU over background, taken out of the plume, on starboard side.	Re-test DR-3R1 was taken.
	The dredge moved away from the area while continuing dredging to avoid further increasing the turbidity at the location where the exceedence was measured. The dredge coordinates were marked on the GPS screen to insure no further dredging occurred at the location where the exceedence was measured.

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DR-1	Background - 100' Up Current, Within 600-Foot of Channel		
DR-2	100' Down Current	OR	OR, WA
DR-3	300' Radially from point of dredge (Port or Starboard)	WA	Not Required
DR-4	900' Down Current from point of dredging	WA	Not Required
Rx	Indicates a Re-Test where (x) is the Re-Test number for that particular point		